

**What is claimed is:**

1. A filter device for coffee or the like comprising;  
a container body consisting of an open frame formed of  
sheet material having predetermined rigidity, and a blind-  
end frame including an annular bottom member and connected to  
said open frame so as to be folded, said blind-end frame being  
formed of sheet material having predetermined flexibility; and

a filter chamber for enclosing substance to be extracted  
and received in said annular bottom member via a filter,

wherein said blind-end frame is adapted to be folded  
inside said open frame together with said filter chamber.

2. The filter device as claimed in claim 1, wherein said  
open frame is formed of sheet material having predetermined  
rigidity in a tubular shape, and said blind-end frame is formed  
of deformable sheet material in a tubular shape to which is  
given shape retaining characteristic having predetermined  
rigidity and flexibility.

3. The filter device as claimed in claim 1, wherein said  
container body has varied diameter gradually reduced from said  
open frame to said blind-end frame and is formed into a  
substantially inverted shape of a truncated cone.

4. The filter device as claimed in claim 1, wherein said  
open frame and said filter chamber have substantially the same  
height.

5. The filter device as claimed in claim 1, wherein said

open frame and said blind-end frame have substantially the same height.

6. The filter device as claimed in claim 1, wherein said open frame, said blind-end frame and said filter chamber have  
5 substantially the same height.

7. The filter device as claimed in claim 1, wherein the height of said blind-end frame is substantially twice as high as the height of said open frame, and an upper half of said blind-end frame is attached to an inner peripheral face or an  
10 outer peripheral face of said open frame.

8. The filter device as claimed in claim 1, wherein a reinforcing frame having predetermined rigidity is formed at a circumferential edge of a bottom of said blind-end frame.

9. The filter device as claimed in claim 8, wherein said  
15 reinforcing frame is extended downward from said bottom of said blind-end frame thereby to integrally form a cup holding frame.

10. The filter device as claimed in claim 8, wherein said open frame and said reinforcing frame provided at said circumferential edge of said bottom are integrally connected  
20 by means of a plurality of connecting pieces.

11. The filter device as claimed in claim 1, wherein said bottom of said blind-end frame is formed of a bottom plate made of sheet material having predetermined rigidity.

12. The filter device as claimed in claim 1, wherein said  
25 open frame is formed of thick paper having predetermined

rigidity, and a body part of said blind-end frame is formed of deformable thin paper provided with shape retaining characteristic having predetermined rigidity and flexibility.

13. The filter device as claimed in claim 1, wherein said  
5 open frame is formed of non-woven fabric having predetermined rigidity, and a body part of said blind-end frame is formed of deformable non-woven fabric provided with shape retaining characteristic having predetermined rigidity and flexibility.

14. A filter device for coffee or the like which is constructed;  
10 by forming an open frame in a short tubular shape of sheet material having predetermined rigidity,

by extending a body part of a blind-end frame extending downward from a lower edge of said open frame thereby to form a cup-shaped container body, said blind-end frame being formed  
15 of deformable sheet material provided with shape retaining characteristic having predetermined rigidity and flexibility; and

by continuously forming a filter chamber for enclosing substance to be extracted such as ground coffee in a bottom  
20 of said blind-end frame via a filter,

wherein when it is not in use, said filter chamber is pushed into said open frame while said body part of said blind-end frame is flexed and deformed to fold and contract said blind-end frame, and when it is in use, said body part  
25 is flexed to expand said blind-end frame thereby enabling said

container body to be expanded and restored to a cup-like shape,  
and said filter chamber to be pulled downward.

15. The filter device as claimed in claim 14, wherein  
said container body has varied diameter gradually reduced from  
5 said open frame to said blind-end frame and is formed into a  
substantially inverted shape of truncated cone.

16. The filter device as claimed in claim 14, wherein  
said open frame and said filter chamber have substantially the  
same height.

10 17. The filter device as claimed in claim 14, wherein  
said open frame and said blind-end frame have substantially  
the same height.

18. The filter device as claimed in claim 14, wherein  
said open frame and said filter chamber have substantially the  
15 same height, and said open frame and said blind-end frame have  
substantially the same height.

19. The filter device as claimed in claim 14, wherein  
an upper edge of said blind-end frame is connected to a lower  
edge of said open frame, and said upper edge of said blind-end  
20 frame is extended along an inner peripheral face of said open  
frame to be integrally joined thereto.

20. The filter device as claimed in claim 14, wherein  
an upper edge of said blind-end frame is connected to a lower  
edge of said open frame, and said upper edge of said blind-end  
25 frame is extended along an outer peripheral face of said open

frame to be integrally joined thereto.

21. The filter device as claimed in claim 14, wherein  
an annular reinforcing frame of sheet material having  
predetermined rigidity is formed at a lower edge of said  
5 blind-end frame along its entire circumference.

22. The filter device as claimed in claim 21, wherein  
a lower end portion of said reinforcing frame is extended  
downward from said bottom of said blind-end frame thereby to  
integrally form a cup holding frame.

10 23. The filter device as claimed in claim 21, wherein  
said open frame and said reinforcing frame provided at said  
circumferential edge of said bottom are integrally connected  
by means of a plurality of connecting pieces.

15 24. The filter device as claimed in claim 14, wherein  
said bottom of said blind-end frame is formed of a bottom plate  
made of sheet material having predetermined rigidity.

20 25. The filter device as claimed in claim 24, wherein  
an annular reinforcing frame of sheet material having  
predetermined rigidity is formed at a lower edge of said  
blind-end frame along its entire circumference.

26. The filter device as claimed in claim 25, wherein  
a lower end portion of said reinforcing frame is extended  
downward from said bottom of said blind-end frame thereby to  
integrally form a cup holding frame.

25 27. The filter device as claimed in claim 24, wherein

said open frame and said reinforcing frame provided at said circumferential edge of said bottom are integrally connected by means of a plurality of connecting pieces.

5 28. The filter device as claimed in claim 14, wherein said open frame is formed of thick paper having predetermined rigidity, and said body part of said blind-end frame is formed of deformable thin paper provided with shape retaining characteristic having predetermined rigidity and flexibility.

10 29. The filter device as claimed in claim 28, wherein an annular reinforcing frame of sheet material having predetermined rigidity is formed at a lower edge of said blind-end frame along its entire circumference.

15 30. The filter device as claimed in claim 29, wherein a lower end portion of said reinforcing frame is extended downward from said bottom of said blind-end frame thereby to integrally form a cup holding frame.

20 31. The filter device as claimed in claim 28, wherein said open frame and said reinforcing frame provided at said circumferential edge of said bottom are integrally connected by means of a plurality of connecting pieces.

25 32. The filter device as claimed in claim 14, wherein said open frame is formed of non-woven fabric having predetermined rigidity, and said body part of said blind-end frame is formed of deformable non-woven fabric provided with shape retaining characteristic having predetermined rigidity

and flexibility.

33. The filter device as claimed in claim 32, wherein  
an annular reinforcing frame of sheet material having  
predetermined rigidity is formed at a lower edge of said  
5 blind-end frame along its entire circumference.

34. The filter device as claimed in claim 33, wherein  
a lower end portion of said reinforcing frame is extended  
downward from said bottom of said blind-end frame thereby to  
integrally form a cup holding frame.

10 35. The filter device as claimed in claim 32, wherein  
said open frame and said reinforcing frame provided at said  
circumferential edge of said bottom are integrally connected  
by means of a plurality of connecting pieces.